Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No. 108298532US1 First Inventor David J. Corisis STACKED MICROELECTRONIC DIES AND METHODS FOR Title STACKING MICROELECTRONIC DIES Express Mail Label No. FV343557046US

| (Only for new honprovisional applications under 37 C.P.R. 1.33(b)) | Apress Mail Label No. LV34333104003 | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| APPLICATION ELEMENTS | ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 | | | | |
| See MPEP chapter 600 concerning utility patent application contents. | Alexandria, VA 22313-1450 | | | | |
| 1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. Applicant claims small entity status. See 37 CFR 1.27. 3. Specification [Total Pages (preferred arrangement set forth below) - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D | 7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. ☐ Computer Readable Form (CRF) b. Specification Sequence Listing on: i. ☐ CD-ROM or CD-R (2 copies); or ii. ☐ paper c. ☐ Statements verifying identity of above copies | | | | |
| Reference to sequence listing, a table, or a computer program listing appendix | ACCOMPANYING APPLICATIONS PARTS | | | | |
| Background of the Invention Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure | 9. Assignment Papers (cover sheet & document(s)) 10. 37 C.F.R.§3.73(b) Statement Power of (when there is an assignee) Attorney | | | | |
| - Abstract of the bisologue | 11. English Translation Document (if applicable) | | | | |
| 4. Drawing(s) (35 U.S.C.113) [Total Sheets 3] 5. Oath or Declaration [Total Pages 1] a. Newly executed (original or copy) | 12. ☐ Information Disclosure ☐ Copies of IDS Statement (IDS)/PTO-1449 Citations 13. ☑ Preliminary Amendment | | | | |
| b. Copy from a prior application (37 CFR 1.63 (d)) | 14. Return Receipt Postcard (MPEP 503) | | | | |
| (for a continuation/divisional with Box 18 completed) | (Should be specifically itemized) | | | | |
| i. DELETION OF INVENTOR(S) | 15. Certified Copy of Priority Document(s) (If foreign priority is claimed) | | | | |
| Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). | 16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 | | | | |
| 6. Application Data Sheet. See 37 CFR 1.76 | or its equivalent. 17. Other: General Authorization for Extensions of Time and Payment of Fees; Check for Fees | | | | |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, | | | | | |
| or in an Application Data Sheet under 37 CFR 1.76: | | | | | |
| ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: 09 / 644,766 Prior application information: Examiner: Quoc Dinh Hoang Group / Art Unit: 2818 | | | | | |
| Prior application information: Examiner: Quoc Dinh Hoang Group / Art Unit: 2818 For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. | | | | | |
| ☐ Claims the benefit ofApplication No | | | | | |
| 17. CORRESPON | IDENCE ADDRESS | | | | |
| ☑ Customer Number or Bar Code Label 250 | | | | | |
| | | | | | |
| Name (Print/Type) John-M. Wechkin | Registration No. (Attorney/Agent) 42,216 | | | | |
| Signature \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | Date July 15, 2003 | | | | |

Burden Hour Statement: This form sestimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Express Mail No. EV343557046US Attorney Docket No. 108298532US1 Disclosure No. 00-0120.01

PTO/SB/17 (01-03)

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| | Complete if Known | | | |
|-------------------------------------------------------------------|---------------------------------------|--|--|--|
| FEE TRANSMITTAL | Application Number | | | |
| | Filing Date | | | |
| for FY 2003 | First Named Inventor David J. Corisis | | | |
| Effective 01/01/2003. Patent fees are subject to annual revision. | Examiner Name | | | |
| Applicant claims small entity status. See 37 CFR 1.27 | Art Unit | | | |
| TOTAL AMOUNT OF PAYMENT (\$)1254 | Attorney Docket No. 108298532US1 | | | |

| METHOD OF PAYMENT (check all that apply) | FEE CALCULATION (continued) | | | | | |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------|-----------|-----------|-------------------------------------------------------------|--|
| ◯ Check ☐ Credit card ☐ Money ☐ Other ☐ None | 1. B/ | 1. BASIC FILING FEE | | | | |
| Order — | Large | Entity | Small | Entity | | |
| Deposit Account: | Fee | Fee | Fee | Fee | Fee Description Fee Paid | |
| Deposit Account Number 50-0665 | Code | (\$) | Code | (\$) | | |
| Deposit Account Name | 1051 | 130 | 2051 | 65 | Surcharge – late filing fee or oath | |
| The Commissioner is authorized to: (check all that apply) | 1052 | 50 | 2052 | 25 | Surcharge – late provisional filing fee or | |
| ☐ Charge fee(s) indicated below ☐ Credit any overpayments | | 130 | 1053 | 130 | cover sheet | |
| Charge any underpayment of fee(s) during the pendency of this | | 2,520 | 1812 | 2,520 | Non-English Specification For filing a request for ex parte | |
| application | | 2,520 | 1012 | 2,020 | reexamination | |
| Charge fee(s) indicated below, except for the filing fee | | 920* | 1804 | 920* | Requesting publication of SIR prior to | |
| to the above-identified deposit account. | | | | | Examiner action | |
| FEE CALCULATION | 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1. BASIC FILING FEE | 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| Large Entity Small Entity Fee Fee I Fee Fee Fee Description Fee Paid | 1252 | 410 | 2252 | 205 | Extension for reply within second month | |
| Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$) | 1253 | 930 | 2253 | 465 | Extension for reply within third month | |
| 1001 750 2001 375 Utility filing fee 750 | 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month | |
| 1002 330 2002 165 Design filing fee | 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month | |
| 1003 520 2003 260 Plant filing fee | 1401 | 320 | 2401 | 160 | Notice of Appeal | |
| 1004 750 2004 375 Reissue filing fee | 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal | |
| 1205 160 2005 80 Provisional filing fee | 1403 | 280 | 2403 | 140 | Request for oral hearing | |
| | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| SUBTOTAL (1) (\$) 750 | 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional | |
| Extra Fee from | 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) | |
| Claims below Fee Paid | 1502 | 470 | 2502 | 235 | Design issue fee | |
| Total Claims 34 -20** = 14 X 18 = 252 | 1503 | 630 | 2503 | 315 | Plant issue fee | |
| Independent Claims 6 - 3** = 3 X 84 = 252 | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| Multiple Dependent = 0 | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| Large Entity Small Entity | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| Fee Fee Fee Fee Fee Description | 8021 | 40 | 8021 | 40 | Recording each patent assignment per | |
| Code (\$) Code (\$) 1202 | | | | | property (times number of properties) | |
| 1202 16 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3 | 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1203 280 2203 140 Multiple dependent claim, if not paid | 1810 | 750 | 2810 | 375 | For each additional invention to be | |
| 1204 84 2204 42 ** Reissue independent claims over | 1010 | , 50 | 2010 | 3,3 | examined (37 CFR 1.129(b)) | |
| original patent | 1801 | 750 | 2801 | 375 | Request for Continued Examination | |
| 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent | 1802 | 900 | 1802 | 900 | (RCE) Request for expedited examination of a | |
| SUBTOTAL (2) (\$) 504 | | laa lar- | ~:6.V | | design application | |
| 305101AL(2) (4) 204 | Other fee (specify) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0 | | | | | |
| tter number musuleuslu maid. If aventou Con Delegues and above | "Reduc | ced by B | asıc Fili | ing Fee F | Paid SUBTOTAL (3) (\$) 0 | |
| **or number previously paid, If greater, For Reissues, see above | <u></u> | | | | | |

| SUBMITTED BY | (Complete (if applicable) | | |
|-------------------|---------------------------|------------------------------------------|------------------------|
| Name (Print/Type) | John M. Wechkin | Registration No. (Attorney/Agent) 42,216 | Telephone 206.287.3257 |
| Signature | | √ . | Date July 15, 2003 |

WAR ING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: DAVID J. CORISIS

FILED:

CONCURRENTLY HEREWITH

For:

STACKED MICROELECTRONIC DIES

AND METHODS FOR STACKING

MICROELECTRONIC DIES

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Authorization for Extensions of Time Under 37 C.F.R. § 1.136(a)(3)

Sir:

With respect to the above-identified application, the Commissioner is authorized to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R. § 1.136(a)(3) for its timely submission as incorporating a petition therefor for the appropriate length of time. The Commissioner is also authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 50-0665.

Respectfully submitted,

Perkins Coie LLP

Date: 3-14 15 2003

John M. Wechkin

Registration No. 42,216

Correspondence Address:

Customer No. 25096 Perkins Coie LLP P.O. Box 1247 Seattle, Washington 98111-1247 (206) 583-8888